

Converting Colors

$Yxy(45.0061, 0.3211, 0.3678)$

Have a look what the booklet for
Yxy(45.0061, 0.3211, 0.3678)
contains.

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Color

Yxy(45.0061, 0.3211, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	A8B89C
RGB	168, 184, 156
RGB Percent	66%, 72%, 61%
CMY	0.3411, 0.2784, 0.3882
CMYK	0.09, 0.00, 0.15, 0.28
HSL	94°, 16%, 67%
HSV	94°, 15%, 72%
XYZ	39.2916, 45.0061, 38.0680
YIQ	176.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

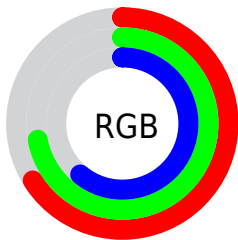
Format	Color
RYB	156, 184, 172
Decimal	11057308
CIELab	72.90, -10.70, 12.37
CIElCh	73, 16.360, 130.859
Yxy	45.0061, 0.3211, 0.3678
Android (android.graphics.Color)	4289247388 (0xFFA8B89C)
YUV	176.0240, -9.8718, -7.0370
Hunter-Lab	67.0866, -12.8567, 13.3168

Details

The Yxy color $45.0061, 0.3211, 0.3678$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.0069, 0.3031, 0.2907$, and the grayscale version is $43.4838, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7113, 0.3192, 0.3599$, and $20.9655, 0.3231, 0.3791$ is the 20% darker color. If you saturate the color by 10%, you get $43.3241, 0.3264, 0.3960$, and if you desaturate by 10%, it is $46.8796, 0.3156, 0.3417$.

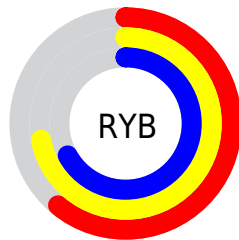
Distribution



Red (66%)

Green (72%)

Blue (61%)



Red (61%)

Yellow (72%)

Blue (67%)

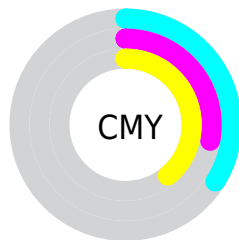


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (28%)



Cyan (34%)


Magenta (28%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0061, 0.3211, 0.3678 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.0061, 0.3211, 0.3678 by changing the saturation by 10% instead.


 45.0061, 0.3211,
0.3678


 45.0061, 0.3211,
0.3678


366.7983, 0.3171,
0.3479

 31.4622, 0.3220,
0.3729


 82.7296, 0.3197,
0.3604

 20.9511, 0.3232,
0.3796


 107.6780, 0.3191,
0.3577

 13.0882, 0.3247,
0.3887


137.1966, 0.3187,
0.3554

 7.4893, 0.3266,
0.4017

171.6700, 0.3183,
0.3535

 3.7700, 0.3290,
0.4219

211.4825, 0.3179,
0.3518

 1.5457, 0.3342,
0.4604

257.0184, 0.3176,

 0.3206, 0.1193,

0.3503

0.8807

308.6622, 0.3173,
0.3490

0.0000, 0.0000,
0.0000

45.0061, 0.3211,
0.3678

45.0061, 0.3211,
0.3678

43.3241, 0.3264,
0.3960

46.8796, 0.3156,
0.3417

41.8214, 0.3311,
0.4258

48.9447, 0.3101,
0.3179

40.4930, 0.3349,
0.4564

51.2094, 0.3047,
0.2965

39.3317, 0.3375,
0.4866

53.6791, 0.2995,
0.2774

38.3294, 0.3385,
0.5148


56.3590, 0.2946,
0.2604

 37.4776, 0.3376,
0.5395


 58.4982, 0.2977,
0.2555

 36.7663, 0.3346,
0.5591

 60.2996, 0.3057,
0.2572

 36.1841, 0.3300,
0.5729

 62.2077, 0.3137,
0.2590

 35.9413, 0.3275,
0.5781

 62.7614, 0.3160,
0.2595

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.0061, 0.3425, 0.3692



45.0061, 0.3211, 0.3678



45.0061, 0.2980, 0.3548

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0061, 0.3211, 0.3678



45.0061, 0.2709, 0.2973



45.0061, 0.3469, 0.3226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.0061, 0.3211, 0.3678



36.0069, 0.3031, 0.2907

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.0061, 0.3265, 0.3051



45.0061, 0.3211, 0.3678



45.0061, 0.2829, 0.2905

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.0061, 0.3211, 0.3678



45.0061, 0.2696, 0.3130



45.0061, 0.3030, 0.2935



45.0061, 0.3578, 0.3422

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.0061, 0.3211, 0.3678



45.0061, 0.2848, 0.3415



45.0061, 0.3030, 0.2935



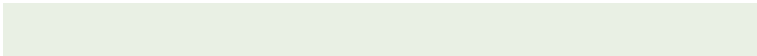
45.0061, 0.3409, 0.3163

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.0080, 0.3211, 0.3678



85.0289, 0.3155, 0.3414



42.0453, 0.3375, 0.3505



18.2770, 0.3159, 0.3431



93.3107, 0.3127, 0.3290



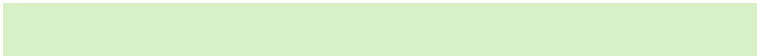
18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.0080, 0.3211, 0.3678



80.6115, 0.3228, 0.3763



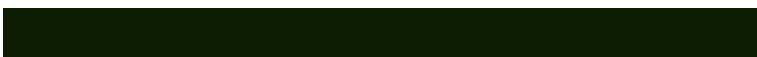
43.8134, 0.3094, 0.3663



10.2434, 0.3179, 0.3522



24.8103, 0.3284, 0.5774



0.9113, 0.3497, 0.5605

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.0069, 0.3031, 0.2907



61.4054, 0.3009, 0.2824



37.3504, 0.3161, 0.2944



8.9657, 0.3071, 0.3060



4.4996, 0.2181, 0.0975



0.1944, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 45.0061, 0.3211, 0.3678 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.0061, 0.3211, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

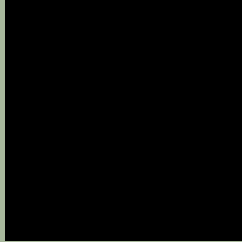
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

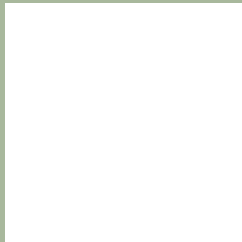
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0061, 0.3211, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 45.0061, 0.3211, 0.3678.



This preview shows how white text looks on a background with the Yxy color 45.0061, 0.3211, 0.3678.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.0061, 0.3211, 0.3678

Protanopia

44.8321, 0.3426, 0.3621

Deuteranopia

44.6702, 0.3537, 0.3468



Tritanopia

45.0891, 0.2976, 0.3106

Trichromacy



Original Color

45.0061, 0.3211, 0.3678

Protanomaly

44.7994, 0.3349, 0.3641

Deuteranomaly

44.4321, 0.3414, 0.3541

Tritanomaly

45.1137, 0.3059, 0.3303

Monochromacy



Original Color

45.0061, 0.3211, 0.3678

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9890, 0.3155, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0061, 0.3211, 0.3678 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 184, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 45.0061, 0.3211, 0.3678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 184, 156) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(168, 184, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(168, 184, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0061, 0.3211, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
184, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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